

derived from the umbilical cord blood or placental blood of a human collected at birth of said human so as to provide hematopoietic reconstitution

*E2* 19 82 (twice amended). A method for treating a human patient in need of hematopoietic reconstitution comprising:

- (a) obtaining human neonatal or fetal blood components comprising hematopoietic stem cells derived from the umbilical cord blood or placental blood of a human collected at birth of said human;
- (b) cryopreserving the blood components;
- (c) thawing the blood components; and
- (d) introducing the blood components into the human patient so as to provide hematopoietic reconstitution.

104 (twice amended). A method for treating a human patient in need of hematopoietic reconstitution comprising:

- (a) obtaining human neonatal or fetal blood components comprising hematopoietic stem and progenitor cells derived from the umbilical cord blood or placental blood of a human collected at birth of said human;
- (b) cryopreserving the blood components;
- (c) thawing the blood components; and
- (d) introducing the blood components into the human patient so as to provide hematopoietic reconstitution.

*E3* 16 10 (twice amended). A method for treating a human patient in need of hematopoietic reconstitution comprising introducing into the human patient a composition comprising human neonatal or fetal hematopoietic stem cells derived from the umbilical cord blood or placental blood of a human collected at birth of said human, in which the stem cells have been previously cryopreserved, so as to provide hematopoietic reconstitution.

Please add the following new claim:

*E4* 48 12 (new). A method for treating a human patient in need of hematopoietic reconstitution comprising (a) thawing cryopreserved blood components comprising human neonatal or fetal hematopoietic stem cells derived from the umbilical cord blood or placental blood of a human collected at birth of said human; (b) and introducing the thawed blood components into the human patient so as to provide hematopoietic reconstitution.